

# Converting Colors

Hex(B2572A)

Have a look what the booklet for  
Hex(B2572A) contains.

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**Color**

**Hex(B2572A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | B2572A                    |
| RGB           | 178, 87, 42               |
| RGB Percent   | 70%, 34%, 16%             |
| CMY           | 0.3020, 0.6588, 0.8353    |
| CMYK          | 0.00, 0.51, 0.76, 0.30    |
| HSL           | 20°, 62%, 43%             |
| HSV           | 20°, 76%, 70%             |
| XYZ           | 22.1862, 16.4485, 4.1960  |
| YIQ           | 109.0790, 68.6810, 5.2970 |

# Conversions

## Conversions Part 2

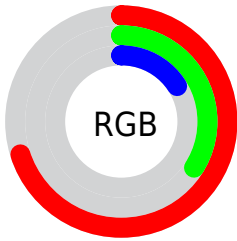
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 178, 109, 42                   |
| Decimal                             | 11687722                       |
| CIE Lab                             | 47.56, 33.90, 42.03            |
| CIE LCh                             | 48, 53.998, 51.106             |
| Yxy                                 | 16.4485, 0.5180,<br>0.3840     |
| Android<br>(android.graphics.Color) | 4289877802<br>(0xFFB2572A)     |
| YUV                                 | 109.0790, -33.0699,<br>60.4437 |
| Hunter-Lab                          | 40.5568, 26.6724,<br>22.2556   |

# Details

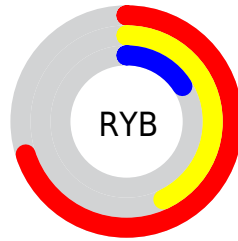
The Hex color **B2572A** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2A85B2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **EF8B5A**, and **772600** is the 20% darker color. If you saturate the color by 10%, you get **B24B18**, and if you desaturate by 10%, it is **B2633C**.

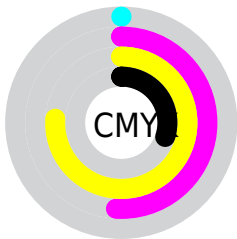
# Distribution



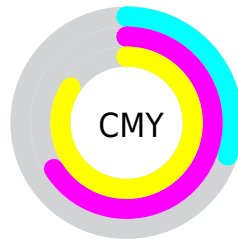
- Red (70%)
- Green (34%)
- Blue (16%)



- Red (70%)
- Yellow (43%)
- Blue (16%)



- Cyan (0%)
- Magenta (51%)
- Yellow (76%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2572A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B2572A by changing the saturation by 10% instead.



 B2572A

 B2572A

FFFFFF

 943E12

 EF8B5A

 772600

 FFA573

 5A0B00

 FFC18D

 3E0000

 FFDDA8

 250001

 FFFAC4

 000000

 FFFFEO

 FFFFFD

 B2572A

 B2572A

 B24B18

 B2633C

 B23F06

 B26F4E

 B23B00

 B27B5F

 B28771

 B29383

 B29E95

 B2AAA7

 B2B6B8

 B2C2CA

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C24653



B2572A



926A05

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B2572A



008561



556BC6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B2572A



2A85B2

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007ACB



B2572A



008690

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2572A



2C8134



0083B7



9A56AB

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B2572A



777401



0083B7



2970CB



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B2572A



E8C4B3



B22A87



755F54



F5F5F5



757575



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2572A



E85913



B2992A



595350



993300



1A0800



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2A85B2



13A1E8



2A43B2



505659



006699

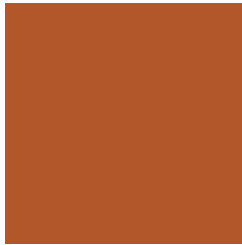


00111A



# Previews

## White Background



This preview shows how the Hex color B2572A looks on a white background.

## Color Contrast Check

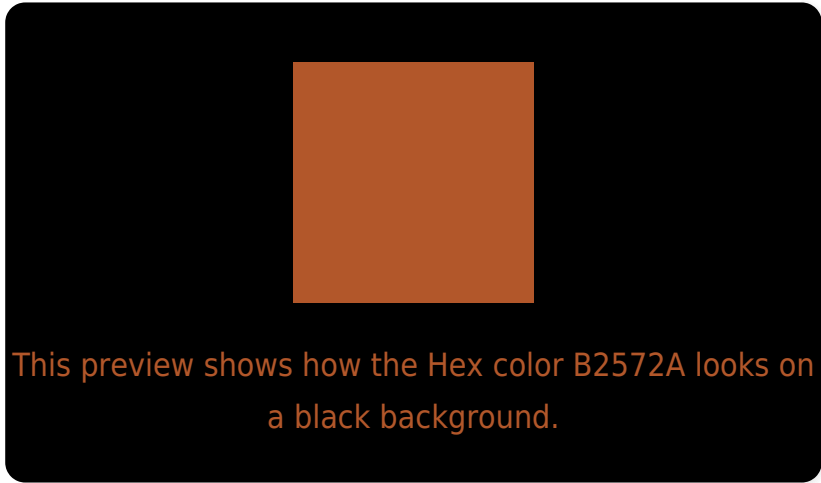
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2572A Background



This preview shows how black text looks on a background with the Hex color B2572A.



This preview shows how white text looks on a background with the Hex color B2572A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
B2572A

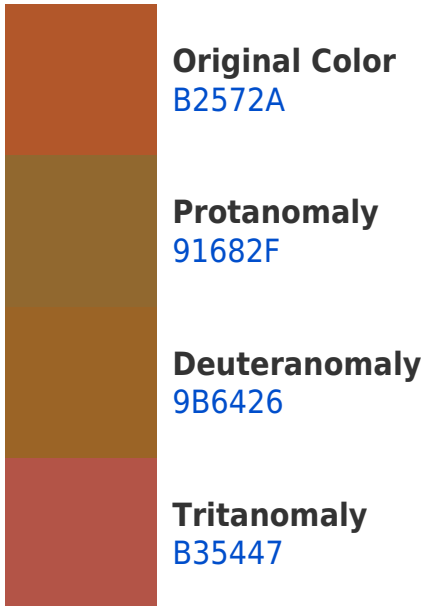
**Protanopia**  
7E7232

**Deuteranopia**  
8E6C24

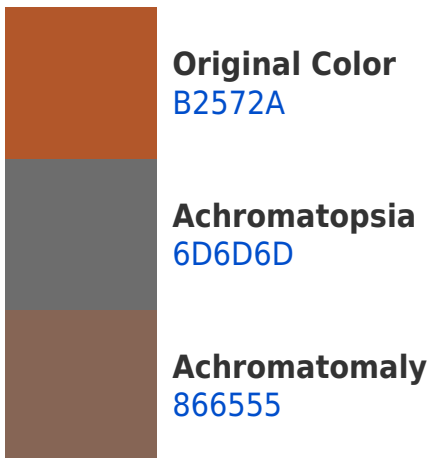


**Tritanopia**  
B45258

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2572A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B2572A looks like.

```
.text, #text, p{  
  color:#B2572A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B2572A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2572A
}
```

## Border

The CSS property to change the border of an element to Hex B2572A is called "border". The border property can be set on classes, ids or directly on the HTML element.

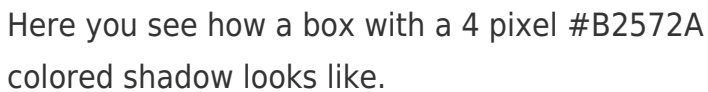
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2572A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B2572A }
```

If you want to add a box shadow in that color use:

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B2572A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2572A; -webkit-box-shadow:4px 4px  
4px 4px #B2572A; box-shadow:4px 4px 4px  
4px #B2572A }
```

# Background

The CSS property to change the background color of an element to Hex B2572A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2572A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B2572A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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